MICRO ATX / ATX POWER SUPPLY

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USER MANUAL

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COMPONENTS CHECK

1 x Diablotek ATX Power Supply
1 x AC Power Cord
1 x Screw Pack
1 x User Manual
1 x Vibration Dampener

WARNING & CAUTION

- High voltages exists in the power supply. DO NOT open the power supply case unless you are an authorized service
- technician. Doing so will void the warranty.
- DO NOT unplug the AC power cord when the power supply is in use.
- Warranty is void if the cover is removed.
- Please keep the power supply away from humidity and operate it in the proper environment. The PSU should be powered by the source indicated on the rating label.

EXISTING POWER SUPPLY REMOVAL

1. Disconnect your PC from all AC sources. Make certain the system is turned OFF. If applicable, put the power supply unit's AC power switch to "O" (off) position.
2. Open the PC case and if applicable, refer to you PC manufacturer's User Manual.
3. Carefully disconnect all power supply unit's DC wire harness connectors from the main board and all peripheral connectors.
4. Unscrew the mounting screws securing the power supply unit to the back of the PC case back panel.
5. Carefully remove the power supply unit from the PC system.

POWER SUPPLY INSTALLATION

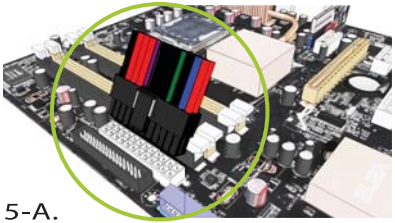
1. Make sure that your system is turned off and unplugged. Disconnect the AC power cord from your old power supply.
2. Open your computer case, please refer to the direction in your case manual.
3. Disconnect all power connectors from the devices.
4. Remove the old power supply and replace the new one into your computer case.

Remove the old power supply unit.

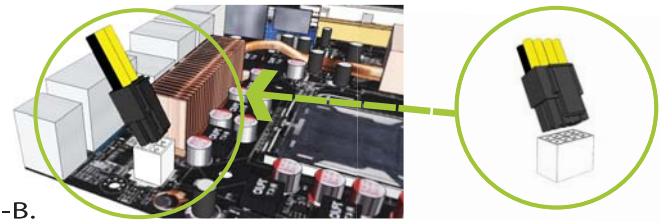
Install the New power supply unit.

POWER SUPPLY INSTALLATION

5. Connect power connectors to your motherboard and peripheral devices.
   - A. Connect the 24PIN Main Power Connector to your motherboard. (If your motherboard uses a 20PIN connector, detach the 4PIN attachment on the 24PIN connector.)
   - B. Connect the 4 / 8PIN +12V Power Connector for the CPUs.
   - C. Connect the Peripheral 4PIN power Connector to devices. SATA connectors are for devices with Serial ATA interface.
   - D. Connect the Y type Floppy Drive Power Adapter to the floppy as needed.
   - E. Connect the PCI-E + 12V Power Connector(s) to the PCI-E graphics card(s). Please consult your graphics card manual for details if needed.



5-A.



5-B.

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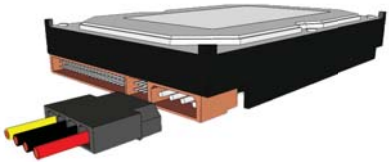
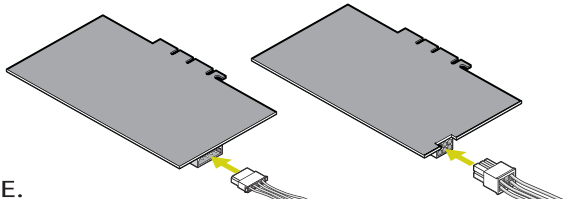
POWER SUPPLY INSTALLATION



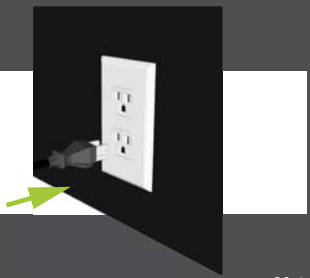
5-C.



5-E.

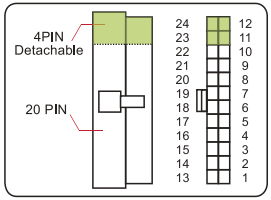
6. Close your computer case, connect the power cord to the power supply unit, and then set the “I/O” switch of the power supply unit to “I” position.
7. You are now ready to start your computer.

Connect the power cord to the power supply unit & power outlet.



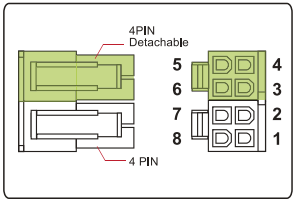
OUTPUT SPECIFICATION

20/24 PIN MOTHERBOARD CONNECTOR



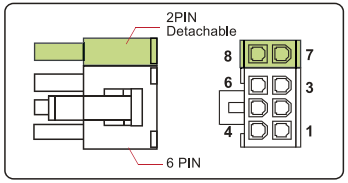
Voltage	Color			Color	Voltage
+3.3V	Orange	1	13	Orange	+3.3V
+3.3V	Orange	2	14	Blue	-12V
COM	Black	3	15	Black	COM
+5V	Red	4	16	Green	PS_ON#
COM	Black	5	17	Black	COM
+5V	Red	6	18	Black	COM
COM	Black	7	19	Black	COM
PWR_ON	Gray	8	20	N/C	N/C
+5 Vsb	Purple	9	21	Red	+5V
+12V	Yellow	10	22	Red	+5V
+12V	Yellow	11	23	Red	+5V
+3.3V	Orange	12	24	Black	COM

4/8 PIN + 12V MOTHERBOARD CONNECTOR



Color	Signal	Pin
Black	COM	1
Black	COM	2
Black	COM	3
Black	COM	4
Yellow/Black	+12V	5
Yellow/Black	+12V	6
Yellow	+12V	7
Yellow	+12V	8

6/8 PIN PCI EXPRESS CONNECTOR



Color	Signal	Pin
Yellow	+12VDC	1
Yellow	+12VDC	2
Yellow	+12VDC	3
Black	COM	4
Black	COM	5
Black	COM	6
Black	COM	7
Black	COM	8

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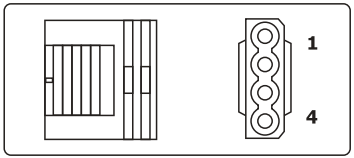
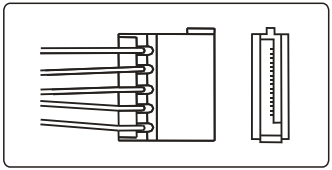
OUTPUT SPECIFICATION

4 PIN MOLEX CONNECTOR



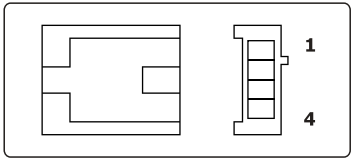
Color	Signal	Pin
Yellow/Orange	+12V	1
Black	COM	2
Black	COM	3
Red	+5VDC	4

SATA CONNECTOR



Color	Signal	Pin
Yellow/Orange	+12V	1
Black	COM	2
Red	+5VDC	3
Black	COM	4
Orange	+3.3VDC	5

4 PIN FLOPPY POWER CONNECTOR



Color	Signal	Pin
Red	+5VDC	1
Black	COM	2
Black	COM	3
Yellow/Orange	+12V	4

CONNECTORS [DA series]

CONNECTOR TYPE	20/24PIN MAINBOARD CONNECTOR	4P CPU+12V CONNECTOR	4+4P CPU+12V CONNECTOR	6PIN PCI-EXPRESS CONNECTOR	6+2P (8P) PCI-EXPRESS CONNECTOR	MOLEX	SATA	FDD
PSDA250	1	1				3	3	1
PSDA300	1	1				4	3	1
PSDA350	1	1				4	3	1
PSDA400	1	1				4	4	1
PSDA500	1	1			1	4	4	1
PSDA600	1		1	2	2	6	6	1
PSDA320M	1		1			3	2	1

CONNECTORS [PHD series]

CONNECTOR TYPE	20/24PIN MAINBOARD CONNECTOR	4+4P CPU+12V CONNECTOR	6PIN PCI-EXPRESS CONNECTOR	6+2P (8P) PCI-EXPRESS CONNECTOR	MOLEX	SATA	FDD
PHD350	1	1		1	4	4	1
PHD450	1	1		1	4	4	1
PHD550	1	1		1	6	6	1
PHD650	1	1	2	2	6	6	1
PHD750	1	1	2	2	6	6	1
PHD850	1	1	2	2	6	6	1
PHD380M	1	1		1	3	4	1

TROUBLESHOOTING

If the power supply unit fails to function properly, please check the following items before submitting application for repair:

1. Ensure that the power cord plugged properly into the electrical outlet and into the power supply AC inlet.
2. Ensure that the "I/O switch on the power supply unit is switched to "I" position.
3. Check that all power connectors are properly connected to all the devices.
4. Please turn-off and turn-on the power supply with the "I/O" switch a few times with at least 0.5 second in the off state to reset the power supply unit.

If the power supply is still unable to function properly after above instructions, please contact diablotek's website at www.diablotek.com or contact our direct Tech support number at (626)-771-3230 for more technical support solution.

3 YEAR WARRANTY

DIABLOTEK offers a 3 YEARS warranty for all DIABLOTEK DA / PHD series power supply unit limited to those residing in 48 continental US states and Canada.
DIABLOTEK warrants the products, to be free from defects in materials and workmanship for the products as sold to the original purchaser. This warranty is for replacement for like items only and do not cover items out of production if the company no longer stocks them. This warranty is not assignable. Third party products, such as motherboards and other system components using or interacting with the DIABLOTEK products are not covered by this warranty.

DIABLOTEK's sole obligation under this warranty is to replace or, at its option, to repair, free of charge, all the product's defective parts. This warranty applies only on the condition that the product has been installed, maintained, and operated under conditions of normal use and in accordance with the installation guide provided. The provisions of this warranty shall not apply if, in DIABLOTEK's sole judgment, the product has been subject to misuse or neglect, improper installation, damaged in an accident, or repaired or altered in any way that affects its performance or reliability.

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Designed In USA
Manufacture In China
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